

Name _____ Date _____

6.1 SIMPLIFYING RATIONAL EXPRESSIONS

Simplify

1.	$\frac{28a^3b^7}{42a^8b^4} =$
2.	$\frac{-32x^8y^2}{40x^5y^3} =$
3.	$\frac{7x+42}{x^2+3x-18} =$
4.	$\frac{5x-45}{x^2-13x+36} =$
5.	$\frac{x^2+11x+24}{x^2+3x-40} =$
6.	$\frac{x^2-14x+48}{x^2-4x-32} =$
7.	$\frac{20x-8}{25x^2-20x+4} =$
8.	$\frac{48x+18}{64x^2+48x+9} =$
9.	$\frac{3x^2+7x-20}{9x^2-25} =$
10.	$\frac{2x^2+15x+18}{4x^2+12x+9} =$
11.	$\frac{-54x+24}{81x^2-16} =$
12.	$\frac{6x^2+17x+12}{3x^2-2x-8} =$